SBI4U

**Culminating Task**

The culminating task is intended to wrap up the SBI4U course by focusing on topics that connect the material that you learned all semester to the world outside of the classroom: to environmental issues, to legislation, to technological applications, etc.

You will work individually and choose one of the "STSE" (connections between Science, Technology, Society & the Environment) topics as your focus.

You will prepare a 7-10 minute presentation that includes the following:

- your research question

- background information that gives a context for your topic, as well as a connection to the

material that we studied in the SBI4U course

- an answer to your question that includes a few different examples or applications

- discussion on what you found most interesting about your topic (and why you chose it)

- visual aids (i.e. diagrams, animations, props, etc.); indicate the source of all images and

animations/videos

In your presentation, you will summarize your findings and explain what you found most interesting about your topic (and why you chose it). You need to support your presentation with a visual aid (e.g., Powerpoint or Prezi slideshow) as well as an interactive component (e.g., game, Q & A, quiz, etc.). You must clearly indicate the source of all images and information used in your visual aid.

**\*Visual Aid due (by e-mail): Monday, January 18th, 2016 at 12:00 noon**

**\*Presentations will be the week of January 18th-22nd, 2016.\***

**EVALUATION SCHEME:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Level 1 (50-59%) | Level 2 (60-69%) | Level 3 (70-79%) | Level 4 (80-100%) |
| -does not read to class; uses their own words  -is able to answer questions effectively  -introduces and answers the question & makes strong connection to SBI4U course content  **/10** | Demonstrates limited knowledge & understanding of content. | Demonstrates some knowledge & understanding of content. | Demonstrates considerable knowledge & understanding of content. | Demonstrates thorough knowledge & understanding of content. |

**KNOWLEDGE & UNDERSTANDING: /10 ( %)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Level 1 (50-59%) | Level 2 (60-69%) | Level 3 (70-79%) | Level 4 (80-100%) |
| -well-organized information  -language used is clear and precise.  **/5** | Expresses and organizes ideas and information with limited effectiveness | Expresses and organizes ideas with some effectiveness. | Expresses and organizes ideas and information with considerable effectiveness. | Expresses and organizes ideas and information with a high degree of effectiveness. |
| -language & level appropriate to audience  -good volume, eye contact, etc.  -effective use of visual aid(s)  **/10** | Communicates for different audiences and purposes with limited effectiveness. | Communicates for different audiences and purposes with some effectiveness. | Communicates for different audiences and purposes with considerable effectiveness. | Communicates for different audiences and purposes with a high degree of effectiveness. |

**COMMUNICATION: /15 ( %)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Level 1 (50-59%) | Level 2 (60-69%) | Level 3 (70-79%) | Level 4 (80-100%) |
| -The impact of the science on technology, people and other living things, and/or the environment is clearly indicated (i.e. social benefits, ethical or environmental issues, etc.)  **/10** | Makes connections between science, technology, society, and the environment with limited effectiveness | Makes connections between science, technology, society, and the environment with some effectiveness | Makes connections between science, technology, society, and the environment with considerable effectiveness | Makes connections between science, technology, society, and the environment with a high degree of effectiveness |

**APPLICATION: /10 ( %)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Level 1 (50-59%) | Level 2 (60-69%) | Level 3 (70-79%) | Level 4 (80-100%) |
| -Reference list in APA format includes relevant and recent resources  -Source of images and information is clearly indicated  **/10** | Reference list included, but not in APA format.  In-text citations used effectively for few sources. | Reference list in APA format with many errors.  In-text citations used effectively for some sources. | Reference list in APA format with some errors.  In-text citations used effectively for most sources. | Reference list in APA format with few/no errors.  In-text citations used effectively for all sources.  Source of images indicated. |

**THINKING & INVESTIGATION: /10 ( %)**